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020604

FORM PTO-1082

Case Docket No. 4466-A1

10/773962
00727 US PTO
020604

Commissioner of Patents and Trademarks
 P.O. BOX 1450
 ALEXANDRIA, VA 22313-1450

Sir:

Transmitted herewith for filing is the utility patent application of:

Inventor: MICHAEL A. WELLS; DAVID F. MIETUS
 Entitled: PROGRAMMABLE CURRENT SOURCE AND METHODS OF USE

Enclosed are:

36 sheets of specification and claims
 7 sheet(s) of drawings and 1 copy of same
 An Assignment of the invention to: NEXT SIERRA, INC.
 Declaration and Power of Attorney (X)Executed ()Unexecuted
 Applicant is Small Entity
 Information Disclosure Statement
 Request concerning 18-month publication under 35 U.S.C. 122(b)

Also enclosed:

The filing fee has been calculated as shown below:

| (Col. 1) | (Col. 2) | SMALL ENTITY | LARGE ENTITY |
|---------------------------------|---------------------|---------------------|--------------|
| FOR: | NO. FILED NO. EXTRA | RATE FEE | RATE FEE |
| BASIC FEE: | 1 | X385 = \$385 | X770 = \$ |
| TOTAL CLAIMS: | 23 - 20 = 3 | X 9 = \$ 27 or | X 18 = \$ |
| INDEP CLAIMS: | 5 - 3 = 2 | X 43 = \$ 86 or | X 86 = \$ |
| MULTIPLE DEPEND CLAIM PRESENTED | | X145 = \$ or | X290 = \$ |
| CHECK ENCLOSED: | | TOTAL= <u>\$498</u> | TOTAL=\$ |

Please charge the Deposit Account No. _____ in the amount of \$_____.
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____.
A duplicate copy of this transmittal sheet is enclosed.

Respectfully submitted,


 Robert A. Parsons, Reg. No. 32,713

Date

2/6/04